

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Trung T. Doan

Serial No.: 09/133,989

Filed: August 14, 1998

For: CHEMICAL DISPENSING SYSTEM FOR  
SEMICONDUCTOR WAFER PROCESSING

§  
§ Group Art Unit: 1762  
§  
§ Examiner:  
§  
§ Atty. Docket: 93-0421.03  
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§

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# 11/14/99  
12-14-99



INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Certificate of Mailing (37 C.F.R. § 1.8)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below:

11-29-99 Date  
[Signature] Signature

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant respectfully requests that this Information Disclosure Statement be entered and that the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed references are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possible material information as defined in 37 C.F.R. § 1.56(a) exists.

The following references are submitted for the Examiner's review:

U.S. Patents

<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>
5,952,050	09/14/99	Doan
5,705,223	01/06/98	Bunkofske
5,580,607	12/03/96	Takekuma et al.
5,474,807	12/12/95	Koshiishi
5,444,921	08/29/95	Milina
5,378,511	01/03/95	Cardinali et al.
5,362,608	11/08/94	Flaim et al.
5,358,740	10/25/94	Bornside et al.
5,294,257	03/15/94	Kelly et al.
5,289,222	02/22/94	Hurtig
5,279,926	01/18/94	Chandler et al.
5,238,713	08/24/93	Sago et al.

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5,151,219	09/29/92	Salamy et al.
5,103,102	04/07/92	Economou et al.
5,013,586	05/07/91	Cavazza
4,899,685	02/13/90	Kawakami
4,886,728	12/12/89	Salamy et al.
4,838,979	06/13/89	Nishida et al.
4,790,262	12/13/88	Nakayama et al.
4,732,785	03/22/88	Brewer
4,685,975	08/11/87	Kottman et al.
4,668,334	05/26/87	Doornveld
4,611,553	09/16/86	Iwata et al.
4,576,796	03/18/86	McCormick
4,518,678	05/21/85	Allen
4,510,176	04/09/85	Cuthbert et al.
4,393,807	07/19/83	Fujimura et al.
4,113,492	09/12/78	Sato et al.
3,834,083	09/10/74	Hoshi et al.

#### Foreign Patents

<u>Patent No.</u>	<u>Publication Date</u>	<u>Inventor</u>	<u>Country</u>
56-73579	06/18/81	Isamu et al.	Japan

Applicant understands that no fee or certification is required for the submission and consideration of this information at this time. If the fee of 37 C.F.R. § 1.17(p) is required at this time, the Commissioner is authorized to charge such fee to Deposit Account No. 13-3092, Order No. 93-0421.03.

If there are any matters which may be resolved or clarified through telephone interview, the Examiner is respectfully requested to contact Applicant's undersigned attorney at the number indicated.

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A Form PTO-1449 is enclosed herewith.

Respectfully submitted,

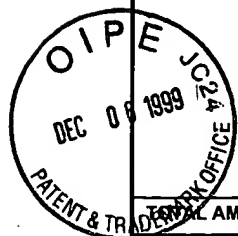
Date: 11/29/99

Charles Brantley

Charles Brantley  
Reg. No. 38,086  
Micron Technology, Inc.  
8000 S. Federal Way  
Boise, ID 83716-9632  
(208) 368-4557  
ATTORNEY FOR APPLICANT

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**FEE TRANSMITTAL****Complete if Known**

Application Number	09/133,989
Filing Date	8/14/98
First Named Inventor	Trung T. Doan
Group Art Unit	1762
Examiner Name	
Attorney Docket Number	93-0421.03

AMOUNT OF PAYMENT	(\$)	0
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**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 13-3092, Order No. 93-0421.03

Deposit Account Name: Micron Technology, Inc.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

**FEE CALCULATION (fees effective 10/01/96)****1. FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	790	201	395	Utility filing fee	0
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>(\$)</b> 0

**2. CLAIMS**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	22	203	11	Claims in excess of 20	
102	82	202	41	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim	
109	82	209	41	Reissue independent claims over original patent	
110	22	210	11	Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>					<b>(\$)</b> 0

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	400	216	200	Extension for response within second month	
117	950	217	475	Extension for response within third month	
118	1,570	218	755	Extension for response within fourth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,320	241	660	Petition to revive unintentionally abandoned application	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____					
Other fee (specify) _____					
<b>SUBTOTAL (3)</b>					<b>(\$)</b> 0

\* Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Complete (if applicable)

Typed or Printed Name	Charles Brantley	Reg. Number	38,086
Signature	<i>Charles Brantley</i>	Date	11/29/99
		Deposit Acct. User ID	13-3092, ORDER NO. 93-0421.03